

## ABSTRACT OF THE DISCLOSURE

An electromagnetic transponder intended to draw the power necessary to its operation of from a field radiated by a terminal of transmission of a carrier at a first supply frequency and to back-modulate the received signal at the rate of a sub-carrier at a second frequency lower than the first one, and comprising means capable of demodulating and decoding signals modulated by said sub-carrier, as well as a system of communication between such transponders.

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